Los Alamos
NATIONAL LABORATORY
EST.1943

LA-UR-16-23569
Approved for public release; distribution is unlimited.

Title: Data Services @ The Library

Author(s): Finnell, Joshua Eugene

Intended for: Data Roadshow Presentation

Issued: 2016-05-19

Disclaimer:
Los Alamos National Laboratory, an affirmative action/equal opportunity employer, is operated by the Los Alamos National Security, LLC for the National Nuclear Security Administration of the U.S. Department of Energy under contract DE-AC52-06NA25396. By approving this article, the publisher recognizes that the U.S. Government retains nonexclusive, royalty-free license to publish or reproduce the published form of this contribution, or to allow others to do so, for U.S. Government purposes. Los Alamos National Laboratory requests that the publisher identify this article as work performed under the auspices of the U.S. Department of Energy. Los Alamos National Laboratory strongly supports academic freedom and a researcher's right to publish; as an institution, however, the Laboratory does not endorse the viewpoint of a publication or guarantee its technical correctness.

Data Services @ The Library

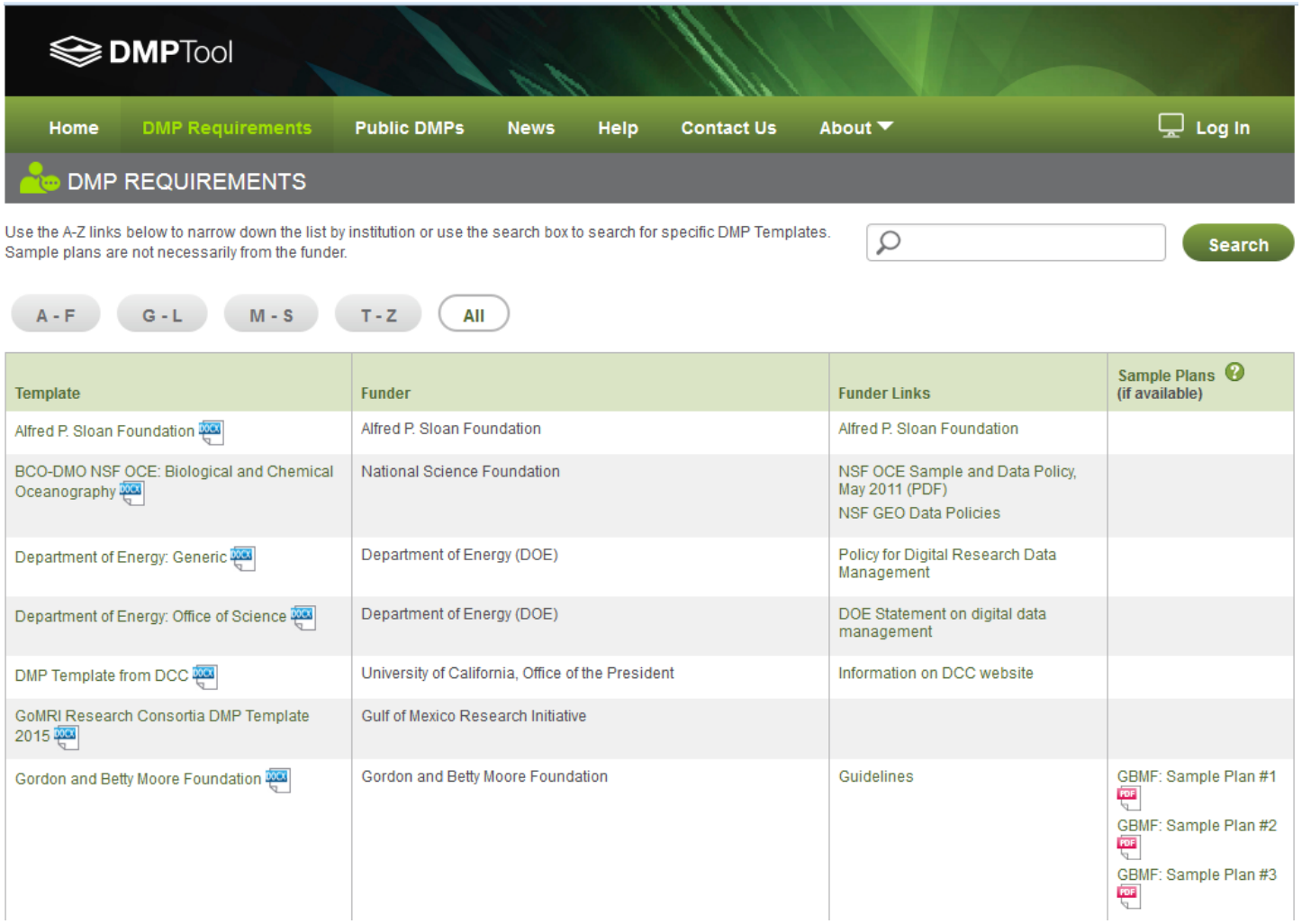
Joshua Finnell

Operated by Los Alamos National Security, LLC for the U.S. Department of Energy's NNSA

Importance of Data Management?

1. Meet funding agency requirements
2. Protect federal investment in research and development
3. Ensure that research data and records are accurate, authentic, and reliable and reproducible
4. Minimize risk of data loss
5. Prevent duplication of effort by sharing your data

Funding Agency Requirements



DMPTool

Home | DMP Requirements | Public DMPs | News | Help | Contact Us | About | Log In

DMP REQUIREMENTS

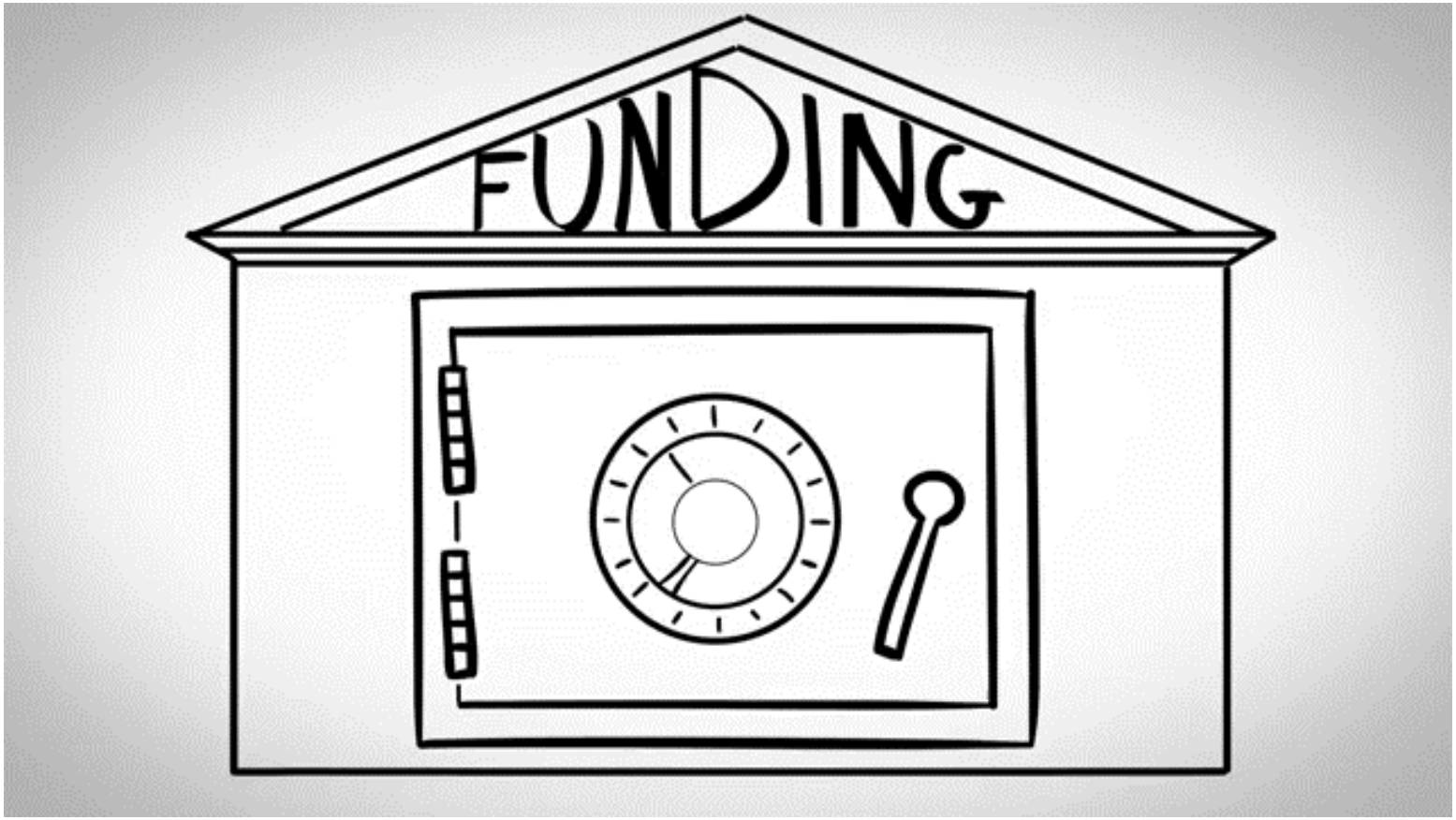
Use the A-Z links below to narrow down the list by institution or use the search box to search for specific DMP Templates. Sample plans are not necessarily from the funder.

Search

A - F | G - L | M - S | T - Z | All

Template	Funder	Funder Links	Sample Plans (if available)
Alfred P. Sloan Foundation	Alfred P. Sloan Foundation	Alfred P. Sloan Foundation	
BCO-DMO NSF OCE: Biological and Chemical Oceanography	National Science Foundation	NSF OCE Sample and Data Policy, May 2011 (PDF) NSF GEO Data Policies	
Department of Energy: Generic	Department of Energy (DOE)	Policy for Digital Research Data Management	
Department of Energy: Office of Science	Department of Energy (DOE)	DOE Statement on digital data management	
DMP Template from DCC	University of California, Office of the President	Information on DCC website	
GoMRI Research Consortia DMP Template 2015	Gulf of Mexico Research Initiative		
Gordon and Betty Moore Foundation	Gordon and Betty Moore Foundation	Guidelines	GBMF: Sample Plan #1 GBMF: Sample Plan #2 GBMF: Sample Plan #3

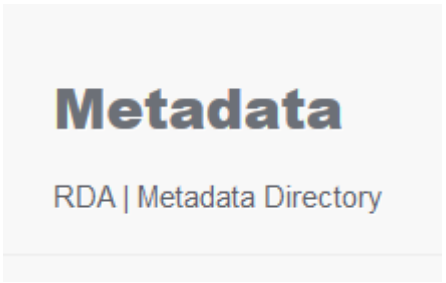
Data Management Plans



Metadata & File Formats Best Practices

Examples of discouraged format choices and better alternatives:

Discouraged Format	Alternative Format
Excel (.xls, .xlsx)	Comma Separated Values (.csv)
Word (.doc, .docx)	plain text (.txt), or if formatting is needed, PDF/A (.pdf)
PowerPoint (.ppt, .pptx)	PDF/A (.pdf)
Photoshop (.psd)	TIFF (.tif, .tiff)
Quicktime (.mov)	MPEG-4 (.mp4)



Storing and Sharing Data

re3data.org
REGISTRY OF RESEARCH DATA REPOSITORIES

DataCite
FIND, ACCESS, AND REUSE DATA

DATA.GOV

figshare

http://lanl.libguides.com/datamanagement